## APR 2 7 2005

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application Serial No	10/806,923
Filing Date	March 22, 2004
Inventor	
Assignee	Micron Technology, Inc.
Group Art Unit	2812
Examiner	Unknown
Attorney Docket No	MI22-2274
Customer No	021567
Title: Methods of Depositing Silicon Dioxide Fabrication of Integrated Circuitry, Method and Methods of Forming Arrays of Memory	e Comprising Layers in the ds of Forming Trench Isolation,

Assistant Commissioner for Patents P.O. Box 1450
Alexandria VA 22313-1450

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- 1. Supplemental IDS with Form PTO-1449
- 2. Transmittal Form (PTO/SB/21)
- 3. Cited References (5)

Dated: 4/27/05

By:

Natalie King

Telephone No. (509) 624-4276 Facsimile No. (509) 838-3424

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	Attorney Docket Number	Unknown
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Fee Transmittal Form  Fee Attached  Amendment/Repty  After Final  Affidavits/declaration(s)  Extension of Time Request  Express Abandonment Request  Information Disclosure Statement  Certified Copy of Priority Document(s)  Response to Missing Parts/ Incomplete Application  Response to Missing Parts under 37 CFR 1.52 or 1.53	Drawing(s)  Licensing-related Papers  Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Addre Terminal Disclaimer Request for Refund CD, Number of CD(s)  Remarks	After Allowance Communication to a Technology Center (TC)  Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Repty Brief)  Proprietary Information  Status Letter  Other Enclosure(a) (please Identify below):  Form PTO-1449; Cited References
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Inventor	Weimin Li et al.
Assignee	Micron Technology, Inc.
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Fabrication of Integrated Circuitry, Method	ods of Forming Trench Isolation,
and Methods of Forming Arrays of Memo	ory Cells

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

References -- See Attached Form PTO-1449

The attached form PTO-1449 is submitted in compliance with 37 CFR §1.56. Pursuant to 1276 OG 55, August 5, 2003, no copies of cited U.S. patents or U.S. patent application publications are included, as the date of filing of this patent application occurs after June 30, 2003. No admission is made regarding whether all the listed references are prior art.

Respectfully submitted,

Mark S. Matkin Reg. No. 32,268

Sheet 1 of 2

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. MI22-2274	SERIAL NO. 10/806,923
	LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)	APPLICANT: Weimin Li et	al.
		FILING DATE March 22, 2004	GROUP ART UNIT 2812

U.S. PATENT DOCUMENTS								
*Examiner's Initials		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA	6,013,583	1/11/2000	Ajmera et al.				
	AB	2001/0041250 A1	11/2001	Haukka et al.				
	AC	2002/0000195 A1	1/2002	Kao et al.				
	AD	2002/0018849	2/2002	George et al.				
	AE	2003/0032281 A1	2/13/2003	Werkhoven et al.				
	AF	2003/00129826 A1	7/10/2003	Werkhoven et al.			·	
	AG	2004/0209484	10/2004	Hill et al.				
	АН	2004/0266153 A1	12/30/2004	Yongjun Jeff Hu				

FOREIGN PAT	ENT DO	OCUMENTS						
		Document	Date	Country	Class	Subclass	Translation	
		Number					Yes	No
	1A	EP 0817251 A	1/1998	EPO				
	AJ	,						

OTHER REFE	RENCE	S (including Author, Title, Date, Pertinent Pages, Etc.)
	AK	PCT/US2004/021156; Filed 6/30/2004; Search Report.
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet 2 of 2

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	AG		-		:				
	AH								
OTHER RE	FEREN	ICES (including Author,	Title, Date, P	ertinent Pages, Etc.)					
	۸,	Chen et al., Ex	cimer Laser-II	nduced Ti Silicidation to	Eliminete the Fine-	Line Effe	ct for integ	rated Circ	uity
		Device Fo	Device Fabrication, 149 Journal of Electrochemical Society, No. 11, pp. G609-G612 (2002).						
	٦,	Nishiyama et a	Nishiyama et al., Agglomeration Resistant Self-Aligned Silicide Process Using N₂ Implantation Into TiSl₂,						
		36 JPN. J	36 JPN, J. APPL. PHYS., Part 1, No. 6A, pp. 3639-3643 (June 1997).						
	AK	Wotf, Chapter	Wolf, Chapter 13: Polycides and Salicides of TISIx, CoSi2, and NiSi, SILICON PROCESSING FOR THE VLSI ERA.					.SI ERA,	
		Vol. IV, p	p. 603-604 (pr	re-2003).					
		DATE CONSIDERED							